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Foreign Patent Branch Examiner's Request Form

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DOCUMENT 07309702 PAGES 4
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L30 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2001 ACS
 AN 1996:100901 HCAPLUS
 DN 124:138658
 TI Agrochemical granules containing calcium silicate hydrates, surfactants, and mineral-based carriers
 IN Zen, Shigekazu; Ishimoto, Yasuhiko; Katayama, Yasuyuki; Imai, Masayoshi
 PA Sumitomo Chemical Co, Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 07309702	A2	19951128	JP 1994-102863	19940517
AB	Agrochem. granules contain (a) hydrophobic agrochems., i.e. pesticides or plant growth regulators, dissolved in hydrophobic solvents, (b) Ca silicate hydrates showing $\text{SiO}_2/\text{CaO} \geq 1.5$ (by mol), (c) surfactants, and (d) mineral-based carriers. The granules show high hardness (resistance to disintegration during transportation) and are rapidly disintegrated in H_2O . α -Cyano-3-phenoxybenzyl 2,2,3,3-tetramethylcyclopropanecarboxylate 10, Hisol SAS 296 20, Morwet D 425 25, Morwet EFW 2, Florite R 10, and kaolin clay 33 wt. parts were made into granules, which were disintegrated by 60 g load/granule in a loading test, vs. by 10 g load/granule, for controls contg. Hi-Sil 233 (silica) instead of Florite R.			
IT	1344-95-2, Florite R RL: AGR (Agricultural use); MOA (Modifier or additive use); PRP (Properties); BIOL (Biological study); USES (Uses) (agrochem. granules contg. hydrophobic agrochems., solvents, Ca silicate, surfactants, and mineral-based carriers)			
RN	1344-95-2 HCAPLUS			
CN	Silicic acid, calcium salt (9CI) (CA INDEX NAME)			

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***